


RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
REPORT OF PROPERTY AND WELL TRANSFER

Field or county Wilmington		District - Cypress (D1)	
Former owner Four Teams Oil Production & Exploration Company, Inc.		Opcode: F1535	Date August 12, 2010
<p>SEE ATTACHMENT</p>			
Description of the land upon which the well(s) is (are) located			
See Attachment			
Date of transfer, sale, assignment, conveyance, or exchange 8/1/2010	New Owner E & B Natural Resources Management Corp.	Operator code E0100	Type of Organization Corporation
	Address 1600 Norris Road Bakersfield, CA 93308		Telephone No. (661) 679-1700
Reported by OG30A received 8/11/2010 signed by both parties			
Confirmed by. Same as above			
New operator new status (status abbreviation) PA	Request Designation of Agent Jeffrey Blesener		
Old operator new status (status abbreviation) PA	Remarks See Operator File		
Deputy Supervisor Kenneth Carlson		Signature  Chris McCullough, Associate Engineer	

OPERATOR STATUS ABBREVIATIONS

PA - Producing Active	FORM AND RECORD CHECK LIST					
NPA - No Potential Active	Form or record	Initials	Date	Form or record	Initials	Date
PI - Potential Inactive	Form OGD121			Map and Book		
NPI - No Potential Inactive	Well records			Lease Files		
Ab - Abandoned or No More Wells	New well cards			Well Stat		

OGD156 (Modified 1/00)

E & B Natural Resources Mgmt. Corp.

WELL TRANSFER NOTICE

On 12-21-98

XL OPERATING COMPANY

transferred

all wells in the Wilmington field

(See OGD156 dated December 21, 1998 for complete list)
to

FOUR TEAMS OIL PROD. & EXPL., INC.

WELL TRANSFER NOTICE

Effec February 7, 1997

XTRA ENERGY CORPORATION

TRANSFERRED

all wells Wilmington

(See Operator File for Complete List)

TO

XL OPERATING COMPANY

SEE OGD156 DATED 02-7-97

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

Long Beach, California

October 17, 1983

John D. Carmichael, Agent

XTRA ENERGY CORPORATION

2501 Cherry Avenue, Suite 270

Signal Hill, CA 90806

Your request, dated September 15, 1983, proposing to change the designation of
see
well(s) in Sec. below, T. 4S, R. 13W, S. B B. & M., Wilmington field,
Los Angeles County, District No. 1, has been received.

The proposed change in designation, in accordance with Section 3203, Public Resources Code, is authorized
as follows: Sec. 19-4S-13W

OLD	NEW	DESIGN.	API
8	"WNF-I"	8	22620
10	"WNF-I"	10	22611
18	"WNF-I"	18	22853
19	"WNF-I"	19	22846
20	"WNF-I"	20	22652
23	"WNF-I"	23	22672
26	"WNF-I"	26	22666-01
27	"WNF-I"	27	22673
28	"WNF-I"	28	22674
29	"WNF-I"	29	22648
43	"WNF-I"	43	22682
Sec. 20-4S-13W			
42	"WNF-I"	42	22689
44	"WNF-I"	44	22820

OLD	NEW	API
"American Can" 1	"WNF-I" 12	21433
" 2	"WNF-I" 15	21644
" 3	"WNF-I" 3	21768
"Dasco Unit" 1	"WNF-I" 1	21671
I-14	"WNF-I" 11	22603
"Purex Unit" 1	"WNF-I" 9	21669
" 2	"WNF-I" 5	21753
" 3	"WNF-I" 4	21754
"Sanitation Unit" 1	"WNF-I" 21	21445
Sec. 20-4S-13W		
31 "WNF-I" 31	22767	36 "WNF-I" 36 22769
33 "WNF-I" 33	22768	37 "WNF-I" 37 22796
34 "WNF-I" 34	22787	38 "WNF-I" 38 22752
35 "WNF-I" 35	22795	39 "WNF-I" 39 22754

EDP
Update
Conservation Committee
Long Beach Dept. of Oil Properties
OGD 157 (3-79-DWRR-1M)

M. G. MEFFERD, State Oil and Gas Supervisor

By

Richard C. Gaeede
FOR V. F. GAEDE, Deputy Supervisor

Sec. 20-4S-13W

OLD.	NEW	API 037-
"Shell Unit" 1	"WNF-I" 32	21729
"Shell Unit" 2	"WNF-I" 40	21769

Sec. 29-4S-13W

"Lomita Unit" 1	"WNF-I" 67	22487
49	"WNF-I" 49	22886
50	"WNF-I" 50	22884
51	"WNF-I" 51	22885
53	"WNF-I" 53	22874
54	"WNF-I" 54	22871
56	"WNF-I" 56	22865
57	"WNF-I" 57	22815

DIVISION OF OIL AND GAS

CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Company Xtra Energy Well No. 28
 API No. 037-22674 Sec. 19, T. 45, R. 13 W, S.B. B.&M.
 County L.A. Field Wilmington

RECORDS RECEIVED	DATE	
Well Summary (Form OGD100)	<u>11/4/82</u>	<u>(2)</u>
History (Form OGD103)	<u>11/4/82</u>	<u>(2)</u>
Core Record (Form OGD101)		
Directional Survey	<u>11/4/82</u>	<u>(2)</u>
Sidewall Samples		
Other		
Date final records received		
Electric logs:		
<u>Ind. Elect.</u>	<u>11/4/82</u>	<u>(2)</u>
<u>Ind. Elect.</u>	<u>11/4/82</u>	<u>(2)</u>

STATUS	STATUS
Producing - Oil <input checked="" type="checkbox"/>	Water Disposal <input type="checkbox"/>
Idle - Oil <input type="checkbox"/>	Water Flood <input type="checkbox"/>
Abandoned - Oil <input type="checkbox"/>	Steam Flood <input type="checkbox"/>
Drilling - Idle <input type="checkbox"/>	Fire Flood <input type="checkbox"/>
Abandoned - Dry Hole <input type="checkbox"/>	Air Injection <input type="checkbox"/>
Producing - Gas <input type="checkbox"/>	Gas Injection <input type="checkbox"/>
Idle - Gas <input type="checkbox"/>	CO2 Injection <input type="checkbox"/>
Abandoned - Gas <input type="checkbox"/>	LPG Injection <input type="checkbox"/>
Gas-Open to Oil Zone <input type="checkbox"/>	Observation <input type="checkbox"/>
Water Flood Source <input type="checkbox"/>	
DATE <u>7-20-82</u>	
RECOMPLETED	
REMARKS	

ENGINEER'S CHECK LIST

1. Summary, History, & Core record (dupl.) ☒
2. Electric Log ☒
3. Operator's Name ☐
4. Signature ☐
5. Well Designation ☐
6. Location ☐
7. Elevation ☐
8. Notices ☒
9. "T" Reports ☒
10. Casing Record ☐
11. Plugs ☐
12. Surface Inspection ☐
13. Production ☐
14. E Well on Prod. Dir. Sur. ☒

CLERICAL CHECK LIST

1. Location change (F-OGD165) ☐
2. Elevation change (F-OGD165) ☐
3. Form OGD121 ☐
4. Form OGD159 (Final Letter) ☐
5. Form OGD150b (Release of Bond) ☐
6. Duplicate logs to archives ☐
7. Notice of Records due (F-OGD170) ☐

UPDATE CENTER 11/14/82

BB

RECORDS NOT APPROVED
 Reason: _____

RECORDS APPROVED 12-1-82
 RELEASE BOND _____
 Date Eligible _____
 (Use date last needed records were received.)
 MAP AND MAP BOOK 128 12/1/82

CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Well No. _____

API No. _____ Sec. _____, T. _____, R. _____, B.&M. _____

WORK PERFORMED

Drill _____ Redrill _____ Deepen _____

Plug _____ Alter Casing _____

Water Flood _____ Water Disposal _____

Abandon _____

Other _____

STATUS

Producing _____

Recompleted Producing _____

Water Flood _____

Water Disposal _____

Abandoned _____

Other _____

MAP AND BOOK _____ Engineer _____

RECORDS FILED AND DATE Clerk _____

Summary _____

Log and Core _____

History _____

E-log _____

Directional Survey _____

Other _____

(Check records for signature and correct name of operator or well, section, township, range, and field.)

Location _____ Notice states _____

Elevation _____ Notice states _____

Production Reports _____

(If production reports not received, make notation and inform Senior Stenographer when received.)

RECORDS & REQUIREMENTS CHECKED Engineer _____

Surface Inspection _____

Data Needed _____

Request Records _____ OGD170 _____

Correct records _____ OGD165 _____
(Specify)

CARDS _____

BOND _____

Hold _____ Reason _____

Release _____ Date Eligible _____ OGD150 _____

End premium year _____

Release requested _____

Bond superseded _____

Well abandoned _____

(Check One)

Environmental Inspection _____ Engineer _____

FINAL LETTER _____ OGD159 _____

and

File cleared _____ OGD121 _____

WELL SUMMARY REPORT

Operator XTRA ENERGY CORPORATION		Well NO. 28				
Field WILMINGTON		County LOS ANGELES	Sec. 19	T. 4S	R. 13W	B.&M. S.B.
Location (Give surface location from property or section corner, street center line and/or California coordinates) 131' NORTH & 65' EAST FROM THE SOUTHWEST CORNER OF THE PROPERTY WHICH IS THE NORTHEAST CORNER OF THE INTERSECTION OF MAIN ST & THE AT&SF RIGHT-OF-WAY.					Elevation of ground above sea level 38'	

Commenced drilling (date) 7-6-82	Total depth			Depth measurements taken from top of:	
	(1st hole) 4617'	(2nd)	(3rd)	<input type="checkbox"/> Derrick Floor	<input type="checkbox"/> Rotary Table <input checked="" type="checkbox"/> Kelly Bushing
Completed drilling (date) 7-20-82	Present effective depth 4562'			Which is 12 feet above ground	
Commenced producing (date) 7-29-82	Junk			GEOLOGICAL MARKERS	
				DEPTH	
<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas lift				"F" MARKER 4442'	
Name of producing zone(s) RANGER				Formation and age at total depth	

	Clean Oil (bbl per day)	Gravity Clean Oil	Percent Water including emulsion	Gas (Mcf per day)	Tubing Pressure	Casing Pressure
Initial Production	10	14.3	35	-0-	60 psi	60 psi
Production After 30 days	8	14.2	33	-0-	60 psi	60 psi

CASING RECORD (Present Hole)								
Size of Casing (API)	Top of Casing	Depth of Shoe	Weight of Casing	Grade and Type of Casing	New or Second Hand	Size of Hole Drilled	Number of Sacks or Cubic Feet of Cement	Depth of Cementing (if through perforations)
10-3/4"	SURF	598'	40.5#	J-55	NEW	14-3/4"	760 CF	-
7"	SURF	4446'	23#	K-55	NEW	9-7/8"	476 CF	-
5"	361	4562'	18#	N-80	NEW	6-1/4" to 12"		

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)
5" JOHNSON "PIPELESS" WIRE WRAPPED, STAINLESS STEEL SCREEN WITH 0.012" SLOTS. GRAVEL PACKED
WITH 83 SACKS OF 20 - 40 MESH GRAVEL.

Was the well directionally drilled? If yes, show coordinates at total depth
☒ Yes ☐ No 2360' NORTH & 691' WEST @ 4617', TVD = 3658'

Electrical log depths
4618' TO 598'

Other surveys
NONE

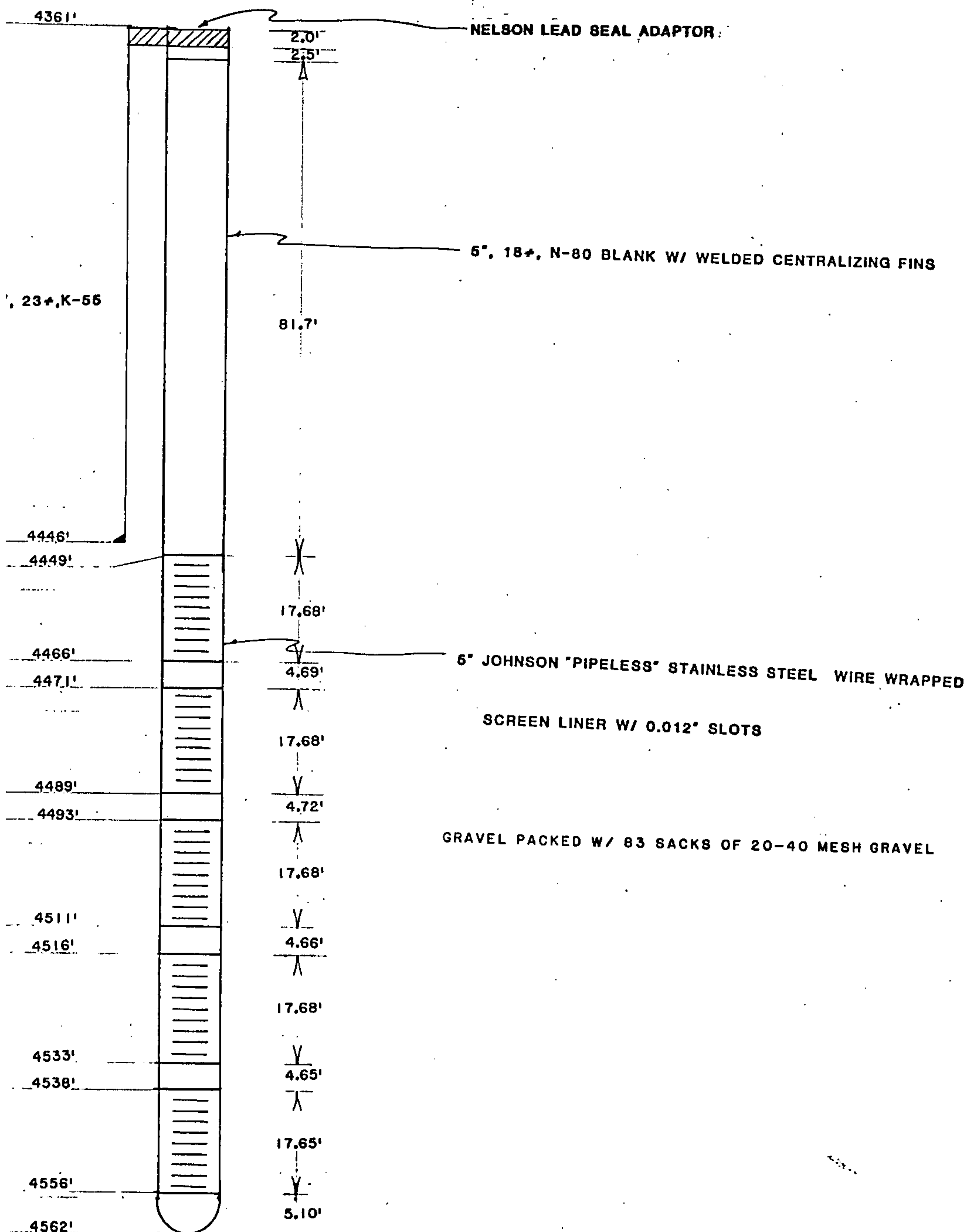
In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Name JOHN D. CARMICHAEL		Title SENIOR VICE PRESIDENT	
Address 717 WALTON STREET		City SIGNAL HILL, CALIFORNIA	Zip Code 90806
Telephone Number (213) 424-8549	Signature <i>John D. Carmichael</i>	Date OCTOBER 29, 1982	

XTRA ENERGY CORP.

LINER DETAIL

WELL NO. 28



SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator XTRA ENERGY CORP. Field Wilmington County Los Angeles
Well No. 28 , Sec. 19 , T 4S , R 13W , S.B.B. & M.
A.P.I. No. Q37-22674 Name J. D. Carmichael Title Vice President
Date , 19 (Person submitting report) (President, Secretary or Agent)

Signature *John D. Carmichael*

P. O. Box #9, Long Beach, Ca. 90801
(Address)

(213) 424-8549
(Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date	
7-6	MIM fr Well No. 27, RU, spud in @ 4 P.M. 7-5-82. Drill 9-7/8" hole to 400', POH, RIH w/Dynadril & 9-7/8" drlg assy @ 586' @ 6 A.M. SS @ 510', 5°, N 20° W, hole is on line and 2' left. CB mud, wt 72#/CF, vis 50", WL 9.2 cc, 2/32" cake, 1% sand.
7-7	Cont'd dynadrilg 9-7/8" hole fr 586' to 645', POH, RIH w/14-3/4" bullnose hole opnr, opn 9-7/8" hole to 14-3/4" fr surf to 598', C & C mud, POH, H & H power tongs ran 15 jts, 10-3/4" 40.5#, J-55, ST & C csg w/ B & W stab-in shoe on btm @ 598', RIH w/ stab in stinger, Howco pmpd 50 CF dye wtr, 300 sx "G" cmt mxd 1:1:4, 150 sx "G" cmt neat, all cmt mxd w/2% CaCl ₂ , good circ throughout job but no cmt rtns, CIP @ 1:10 A.M. Did 50 sx top job w/good cmt rtns, POH w/stringer, weld on csg head, cut off 19.55' of 10-3/4" csg. Mud wt 73#/CF, WL 8.8 cc, cake 2/32", solids 12%, snd 2%, oil 2%.
7-8	Fin welding on csg head, instld BOP, test w/1000# OK by DOG, RIH w/Dynadril & 9-7/8" bit, D/O cmt fr 594' to shoe @ 598', D/O shoe & C/O to 645', Dynadril & surveyed fr 645' to 1199' @ 6 A.M. SS @ 912', 16°45', N 14° 30' W, hole is 1' rt & 7' hi. CB mud, wt 72#/CF, vis 43", WL 5.4 cc, cake 2/32", solids 10%, snd 0.75%, oil - tr.
7-9	RT chnge Dynadril, drill & survey 9-7/8" hole fr 1199' to 1443', unable to control direction w/ 1-1/2° kick sub, POH, RIH w/9-7/8" drlg assy w/3 stabilizers, wrkd thru tight hole fr 645' to 1290', stuck pipe, tripping jars @ 70,000# over wt of string, spot oil & wrkg jars. SS @ 1398', 27° 30', N 7° 30' W, hole is 2' lo & 17' rt. Mud wt 73#/CF, vis 48", WL 5.8 cc, cake 2/32", solids 11%, snd 0.75%, oil 8%.
7-10	Cont'd jarring on stuck pipe, RU Dialog, ran free pt & bkd off DC's @ 1157', POH w/DP & DC, RIH w/screw in sub, jars & accelerator, screw into fish, tripped jars 5 times, fish came free, POH w/complete fish, RIH w/9-7/8" drlg assy, reamed hole fr 598' to 1443', circ btm up, POH, RIH w/Dynadril w/2° kick sub, dynadrilled & surveyed 9-7/8" hole fr 1443' to 1567' @ 6 A.M. Mud wt, 72#/CF, vis 42", WL 5.6 cc, cake 2/32", solids 10%, snd 1/2%, oil 8%.

- 7-11 Cont'd Dynadrllg & surveying 9-7/8" hole fr 1567' to 1811', POH, RIH w/angle bldg drlg assy, reamed Dynadrill run, drld & surveying 9-7/8" hole fr 1811' to 2009', P/U to shoe of 10-3/4", replaced 3 pmp valves & seats, RIH, cont'd drlg fr 2009' to 2192' @ 6 A.M. SS @ 2105', 47° 15', N 19° 30' W, hole is 20' rt & 24' lo. Mud wt 74#/CF, vis 45", WL 6.4 cc, cake 2/32", solids 12%, sand 0.75%, oil 7%.
- 7-12 Cont'd drlg & surveying 9-7/8" hole fr 2192' to 2222', C & C mud, RT for locked up assy, cont'd drlg fr 2222' to 2827', made 600' wiper trip, cont'd drlg to 3042' @ 6 A.M. SS @ 2926', 51° 15', N 20° W, hole is 14' left & 11' lo. CB mud, wt 76#/CF, vis 48", WL 6.4 cc, cake 2/32", solids 14%, sand 1.75%, oil 5%.
- 7-13 Cont'd drlg & surveying 9-7/8" hole fr 3042' to 3163', C & C mud, POH to chng bits & wings on btm stab to 9-5/8", RIH, Cont'd drlg & surveying fr 3163' to 3651', made 600' wiper run, now drlg @ 3671' @ 6 A.M. SS @ 3601', 47° 15', N 15° 30' W, hole is 29' left & 1' lo. Mud wt 76#/CF, vis 45", WL 6.0 cc, cake 2/32", solids 14%, sand 0.75%, oil 9.0 %.
- 7-14 Cont'd drlg & surveying 9-7/8" hole fr 3671' to 3861', C & C mud, POH, chng bit & rmvd btm stab, RIH to 550' repr cat head 3 hrs. RIH to 3861', drld 9-7/8" hole to 4102' @ 6 A.M. SS @ 3957', 40° N 16° W, hole is 24' left & 6' low. Mud wt 75#/CF, vis 40", WL 7.2 cc, cake 2/32", solids 13%, sand 0.5%, oil 7%.
- 7-15 Cont'd drlg & surveying 9-7/8" hole fr 4102' to 4447', C & C mud, POH, RIH w/6-1/4" drlg assy, drld 6-1/4" hole fr 4447' to 4617', P/U to shoulder, reamed 6-1/4" hole, C & C mud, spot drispac pill, Now POH to log. SS @ 4592', 31° N 7° 30' W, hole is 12' rt & 18' lo. CB mud, wt 74.5#/CF, vis 42", WL 7.2 cc, cake 2/32", solids 12%, sand 0.5%, oil 7%.
- 7-16 Cont'd POH, RU Gearhart, RIH w/log sonde to 4447', unable to go deeper, ran IES log fr 4447 to 598', RIH w/4-1/2" DP to 4450', pmpd sonde dn, ran IES log fr 4619' to 4400', POH w/DP, RIH w/9-7/8" drlg assy to 600', reamed to 698', RIH to shoulder, C & C mud, POH, LD 4-1/2" DP, now LD 7" DC @ 6 A.M. Mud wt 75#/CF, vis 45", WL 6.8 cc, cake 2/32", solids 12%, sand 0.5%, oil 6%.
- 7-17 H & H RU, ran 7", 23#, K-55, Buttress csg as follows: B & W basket shoe @ 4446', 2 jts & B & W FC @ 4371', 120 jts to surf, csg adjustor @ 1544', overall 4450.21', B -J pmpd 80 CF of "Mud Sweep", 270 sx class "G" cmt mxd 1:1:4, 85 sx neat "G" cmt, all mxd w/2% CaCl₂, over dsplsd w/3% mud, plgs did not bump, good circ thru out, CIP @ 12:40 P.M. 7-16-82, landed csg w/wt of pipe, cut off 18.64', welded on tbg head, F/U BOP, test w/1000# OK, RIH w/6-1/4" bit & csg scrpr, fnd cmt @ 4306', 65' above FC, now D/O cmt @ 4381' @ 6 A.M. Mud wt 74.5#/CF, vis 40", WL 7.2 cc, cake 2/32", solids 12%, sand 0.5%, oil 6%.
- 7-18 Cont'd to C/O cmt fr 4381' to 4436', circ clean, POH, RIH w/Lynes WSO tools, perf'd 4 - 1/2" holes @ 4411' set pkr @ 4347', tail to 4375', tool opn @ 12N, med blo 3 min, then dead for rest of test, POH, recovd 5 linear ft of mud, test dry, OK'd by DOG, RIH w/6-1/4" bit, D/O cmt & shoe @ 4446', C/O to 4617', dsplsd CB mud w/Polymer mud, POH, RIH w/OE 3-1/2" DP to 4556', B-J dsplsd 15 sx of 16-20 snd for plug, P/U to 4437', wait 1 hr, chkd snd @ 4514', POH, RIH w/under reamer, opn 6-1/4" hole to 12" fr 4446' to 4484' @ 6 A.M. Mud wt 71#/CF, vis 42", WL 9.6 cc, cake - film, solids 2%, sand 0%, oil tr.

- 7-19 Fin underreaming 6-1/4" hole to 12" fr 4484' to C & C mud, POH, GO ru & ran Caliper survey, RIH w/ 198.4' of 5" Johnson pipeless wire wrapped screen w/0.012" slots, shoe @ 4562', landing nip @ 4363', A & A gvl pkd w/total of 71 sx of 20-40 mesh gvl, Calc 75 sx. Now POH @ 6 A.M.
- 7-20 Cont'd POH w/gvl pk tool, Sch ran Photon log, found 16' void in pack below 7" shoe, RIH w/ gvl pkg tool, set in landing nip @ 4363', brk circ @ 400#, pmpd 15 sx of 20-40 gvl, press rose to 1000#, rvsd out 3 sx, total of 83 sx in place, POH w/gvl tool, RIH w/lead seal adaptor, drove on seal w/top @ 4360', P/U to 4350', dsplse Polymer mud w/lease SW, POH, LD 3-1/2" DP & collars, rmvd BOP @ 6 A.M.
- 7-21 Cont'd rmvg BOP, RR @ 10 A.M. 7-20-82. RD to move to Well No. 43.

THIS WELL WAS CHANGED FROM LOS ANGELES COUNTY
TO THE WILMINGTON FIELD AS PER THE FIELD
BOUNDARY CHANGE ON SEPTEMBER 10, 1982.

DIVISION OF OIL AND GAS

Report on Operations

John D. Carmichael, Agent

XTRA ENERGY CORPORATION

717 Walton Street

Signal Hill, CA 90806

Long Beach

Calif.

August 17, 1982

Your operations at well 28, API No. 037-22674,
Sec. 19, T. 4S, R. 13W, S.B. B. & M. Los Angeles Co. Field, in Los Angeles County,
were witnessed on 7-17-82. Ed Santiago, Engineer, representative of
the supervisor, was present from 1400 to 1600. There were also present B. Eatmon,
Drilling Foreman.

Present condition of well: 16" cem 50'; 10-3/4" cem 598'; 7" cem 4446', perf 4411' WSO.
TD 4446' (Drilling).

The operations were performed for the purpose of Testing the 7" shut-off at 4411' with a
formation tester.

DECISION: APPROVED.

NOTE: DEFICIENCIES TO BE CORRECTED
NONE

DEFICIENCIES CORRECTED
NONE

CONTRACTOR: California Production Service, Inc.

ES:dh

cc: Update

Blanket Bond

M. G. MEFFERD

State Oil and Gas Supervisor

By *[Signature]*

Deputy Supervisor

J. L. HARDOIN

Operator XTRA ENERGY CORPORATIONWell designation 28 Sec. 19, T. 4S, R. 13W, 5B B.&M.Field LOS ANGELES COUNTY, County LOS ANGELES was tested for water shutoff on 7/17/82. (Name) EDWARD SANTIAGO, representative of the supervisor, was present from 1400 to 1600. Also present were BUD EATMON D.F.Casing record of well: 16" CEM 50' ; 10 3/4" CEM 598' ; 7" CEM 4446' ; PERF 4411 WSO. TO 4446' (drilling)The operations were performed for the purpose of 7" @ 4411' D-1☒ The 7 " shutoff at 4411 ' is approved.☐ The seal between the _____ " and _____ " casings is approved.☐ The operations are approved as indicating that all of the injection fluid is confined to the formations below _____ ' at this time.Hole size: 1 3/4 " fr. 50 ' to 598 ' ; 9 7/8 " to 4446 ' ; & _____ " to _____ '.

Casing				Cemented			Top of Fill		Sqd. Away	Final Press	Test psi/min. Perfs.
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus	Casing			
7	23	0'	4446'	7/16/83	FLY COL 4371' thru thru shoe	3555x	2005'±	4306'	—	1500	—

Depth or interval tested FOUR 1/2" HOLES @ 4411The hole was open to 4436 ' for test.

FORMATION TEST:

Packer(s) 4347 ' & _____ ' Tail 4375 ' Bean size 5/8 " Cushion NONEIHP 1484 IFP 42 FFP 42 FHP 1484Blow MEDIUM FOR 3 MIN & DEAD FOR THE REMAINDEROpen for test 1 Hr. 0 min. Fluid entry -5' drilling mud

BAILING TEST:

The hole fluid was bailed to _____ ' , at _____ on _____ 19__.

The hole fluid was found at _____ ' , at _____ on _____ 19__.

PRODUCTION TEST:

Gauge/meter reading _____ on _____ 19__, at _____ pump depth _____ ' Engr. _____

Gauge/meter reading _____ on _____ 19__, at _____ Engr. _____

Fluid level _____ ' surveyed on _____ 19__, reviewed (witnessed) by _____

Total fluid produced, Bbls. _____ Net oil _____ Water _____

Rate: _____ B/D oil, _____ B/D water, _____ % water cut

INJECTION SURVEY:

RA/Spinner/Temperature survey run at _____ B/D & _____ psi on _____ 19__, fluid confined below _____ ' (Packer depth _____ ')

DEFICIENCIES—TO BE CORRECTED

NONE

DEFICIENCIES—CORRECTED

NONE

CONTRACTOR

CALIFORNIA PRODUCTION SERVICE, INC.

DIVISION OF OIL AND GAS

Report on Operations

John D. Carmichael, Agent
XTRA ENERGY CORPORATION
717 Walton Street
Signal Hill, CA 90806

Long Beach Calif.
August 17, 1982

Your operations at well 28, API No. 037-22674,
Sec. 19, T4S, R13W, S.B. B.& M. Los Angeles Co. Field, in Los Angeles Co. County,
were witnessed on 7-7-82 by Ed Santiago, Engineer, representative of
the supervisor, was present from 1430 to 1600. There were also present D. Eatmon,
Drilling Foreman.

Present condition of well: 16" cem 50'; 10-3/4" cem 598'. TD 600' (Drilling).

The operations were performed for the purpose of Testing the blowout prevention equipment
and installation.

DECISION: APPROVED.

NOTE: DEFICIENCIES TO BE CORRECTED
NONE

DEFICIENCIES CORRECTED

1. Check valve & well head control valve are now in correct positions.
2. Pump stroke counter hooked up.
3. Pit level indicator hooked up.
4. Pipe safety valve on rig floor.

CONTRACTOR: California Production Service, Inc.

ES:dh

cc: Update

Blanket Bond

M. G. MEFFERD

State Oil and Gas Supervisor

By [Signature]

Deputy Supervisor

J. L. WARDON

**DIVISION OF OIL AND GAS
BLOWOUT PREVENTION EQUIPMENT MEMO**

RHL 7-15-82

T/82-690

Operator XTRA ENERGY CORPORATION Well 28 Field TORRANCE County LOS ANGELES

VISITS: Date 7/7/82 Engineer EDUARDO SANTIAGO Time 1430 to 1600 Operator's Rep. DWAYNE EATMAN Title D.F.
2nd _____ to _____

Casing record of well: 16" CEM 50'; 10 3/4" CEM 598'. TO 600' (drilling).

OPERATION: Testing ~~(inspecting)~~ the blowout prevention equipment and installation.

DECISION: The blowout prevention equipment and installation are approved.

Proposed Well Opns: DRILL MPSP: _____ psi
Hole size: 14 3/4" fr. 50' to 600', _____ " to _____ " & _____ " to _____ "

REQUIRED
BOPE CLASS: III B 3M

CASING RECORD (BOPE ANCHOR STRING ONLY)					Cement Details	Top of Cement	
Size	Weight(s)	Grade (s)	Shoe at	CP at		Casing	Annulus
<u>10 3/4"</u>	<u>40.5</u>	<u>K-55</u>	<u>598</u>		<u>STAB-IN @ 598' W/ 450 cf.</u>		
					<u>TOP JOB REQ'D 50 SX</u>		<u>returns</u>

BOP STACK							a	b	a/b	TEST DATA			
API Symb.	Ram Sz.	Mfr.	Model or Type	Size In.	Press. Rtg.	Date Last Overhaul	Gal. to Close	Rec. Time Min.	Calc. GPM Output	psi Drop to Close	Secs. to Close	Test Date	Test Press.
<u>A</u>	<u>—</u>	<u>HYDRIL</u>	<u>SPHERICAL</u>	<u>16</u>	<u>3000</u>	<u>—</u>						<u>7/7</u>	<u>1000</u>
<u>Rd</u>	<u>4 1/2</u>	<u>SHAFFER</u>	<u>E</u>	<u>16</u>	<u>3000</u>	<u>—</u>						<u>7/7</u>	<u>1000</u>
<u>Rd</u>	<u>6.0</u>	<u>SHAFFER</u>	<u>E</u>	<u>16</u>	<u>3000</u>	<u>—</u>				<u>Rpt by EDITMAN</u>	<u>—</u>	<u>7/7</u>	<u>1000</u>

ACTUATING SYSTEM			
Accum. Unit(s) Wkg. Press. <u>2600</u> psi			
Total Rated Pump Output _____ gpm			
Distance From Well Bore <u>50</u> ft.			
Mfr.	Accum. Cap.	Precharge	
<u>1 SHAFER</u>	<u>80 gal.</u>	<u>1000 psi</u>	
<u>2</u>	<u>gal.</u>	<u>psi</u>	
CONTROL STATIONS		Elec.	Hyd.
<u>X</u> Manif. at accum. unit			<u>X</u>
<u>X</u> Remote at Drlr's stn.			<u>X</u>
Other:			
EMERG. BACKUP SYST.		Press.	Wkg. Fl.
<u>X</u> N2 Cyl	<u>No: 4</u>	<u>Tpe: G</u>	<u>1 1600 2.5 gal</u>
Other:			<u>2 1900 4.5 gal</u>
			<u>3 2400 7.3 gal</u>
			<u>4 2200 6.2 gal</u>
			<u>5 gal</u>
			<u>6 gal</u>

AUXILIARY EQUIPMENT							
	No.	Sz. (in)	Rated Press.	Connections			
				Weld	Flan.	Thrd.	
<u>X</u> Fill-Up Line							
<u>X</u> Kill Line		<u>2</u>	<u>3000</u>		<u>X</u>	<u>X</u>	<u>1000</u>
<u>X</u> Control Valve(s)	<u>1</u>		<u>3000</u>		<u>X</u>	<u>X</u>	<u>—</u>
<u>X</u> Check Valve(s)	<u>1</u>		<u>3000</u>		<u>X</u>		<u>1000</u>
<u>X</u> Auxil. Pump Connec.			<u>3000</u>			<u>X</u>	<u>—</u>
<u>X</u> Choke Line			<u>3000</u>		<u>X</u>	<u>X</u>	<u>1000</u>
<u>X</u> 6 Control Valve(s)			<u>3000</u>		<u>X</u>	<u>X</u>	<u>1000</u>
<u>X</u> Pressure Gauge						<u>X</u>	<u>X</u>
<u>X</u> 2 Adjustable Choke(s)			<u>3000</u>			<u>X</u>	<u>1000</u>
<u>X</u> Bleed Line						<u>X</u>	<u>X</u>
<u>X</u> Upper Kelly Cock							<u>1000</u>
<u>X</u> Lower Kelly Cock			<u>3000</u>				<u>1000</u>
<u>X</u> Standpipe Valve							<u>1000</u>
<u>X</u> Standpipe Pressure Ga.							
<u>X</u> Pipe Safety Valve							
<u>X</u> Internal Preventer			<u>3000</u>				

HOLE FLUID MONITORING EQUIPMENT			Alarm	Class
<u>X</u> Calibrated Mud Pit	Aud.	Vis.	<u>A</u>	
<u>X</u> Pit Level Indicator	<u>X</u>	<u>X</u>		<u>B</u>
<u>X</u> Pump Stroke Counter		<u>X</u>		
<u>X</u> Pit Level Recorder				<u>C</u>
<u>X</u> Flow Sensor				
<u>X</u> Mud Totalizer				
<u>X</u> Calibrated Trip Tank				
<u>X</u> Other:				

REMARKS:		
<u>544-9419</u>		
Hole Fluid Type	Weight	Storage-Pits
<u>CLAY BASE MUD</u>	<u>72</u>	<u>450 BBL</u>

DEFICIENCIES—TO BE CORRECTED

NONE

DEFICIENCIES—CORRECTED

1. CHECK VALVE & WELL HEAD CONTROL VALVE
ARE NOW IN CORRECT POSITIONS.
2. PUMP STROKE COUNTER } HOOKED-UP
3. PIT LEVEL INDICATOR }
4. PIPE SAFETY VALVE ON RIG FLOOR

CONTRACTOR

CALIFORNIA PRODUCTION SERVICE, INC.

REPORT ON PROPOSED OPERATIONS

00
(field code)
00
(area code)
00
(new pool code)
--
(old pool code)

John D. Carmichael
Xtra Energy Corporation
717 Walton Street
Signal Hill, CA 90806

Long Beach, California
June 3, 1982

Your Drill well 28 WNF-1 28
A.P.I. No. 037-22674, Section 19, T. 4S, R. 13W, S.B. B. & M.,
Los Angeles County field, Onshore area, Ranger pool,
Los Angeles County, dated 5/24/82, received 5/28/82 has been examined in conjunction with records
filed in this office.

THE PROPOSAL IS APPROVED PROVIDED:

1. Blowout prevention equipment, equivalent to this Division's Class IIIB, 3M requirements, or better, shall be installed and maintained in operating condition.
2. Drilling fluid of a quality and in sufficient quantity to control all subsurface conditions in order to prevent blowouts shall be used.
3. All oil, gas or fresh water sands behind the 7" casing shall be protected by either lifting cement or by multiple stage cementing.
4. This Division shall be consulted and a Supplementary notice may be required before making any changes in the proposed program.
5. The provisions of Sec. 3606 relating to derricks and subsurface spacing shall be followed.
6. A direction survey shall be made and filed with this Division.

THIS DIVISION SHALL BE NOTIFIED:

- a. To witness a test of the installed blowout prevention equipment prior to drilling out cement in the shoe of the 10-3/4" casing.
- b. To witness a test of the effectiveness of the 7" shut-off above the Ranger Zones.

RHS:csw

cc: EDP
Update Center

Blanket Bond

M. G. MEFFERD, State Oil and Gas Supervisor

By J. L. Hardoin
Deputy Supervisor J. L. HARDOIN

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

DIVISION OF OIL AND GAS
Notice of Intention to Drill New Well

0/6
5-28-82
Rec 3606

C.E.Q.A. INFORMATION			
EXEMPT <input checked="" type="checkbox"/> CLASS _____	NEG. DEC. <input type="checkbox"/> S.C.H. NO. _____	E.I.R. <input type="checkbox"/> S.C.H. NO. _____	DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION <input type="checkbox"/>
See Reverse Side			

FOR DIVISION USE ONLY				
MAP	MAP BOOK	CARDS	BOND	FORMS
128	111	5288	Blanket	114 111 5288 5288 CP CP

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. 28, API No. 037-22674 (Assigned by Division)
Sec. 19, T. 4S, R. 13W, S.B. B. & M., Los Angeles County Field, Los Angeles County.

Legal description of mineral-right lease, consisting of 103 acres, is as follows: _____
(Attach map or plat to scale)
Map of Sanitation District Unit previously submitted.

Do mineral and surface leases coincide? Yes _____ No X _____. If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well 131 feet North along xxxxx / property line and 65 feet East
(Direction) (Cross out one) (Direction)
at right angles to said line from the Southeast corner of section / property which is xxxxx
(Cross out one)
the intersection of Main Street and the AT & SF right-of-way.

Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☐

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth:
2320 feet North and 695 feet West
(Direction) (Direction)

Elevation of ground above sea level 38 feet.

All depth measurements taken from top of Kelly Bushings that is 12 feet above ground.
(Derrick Floor, Rotary Table, or Kelly Bushing)

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES API	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS	CALCULATED FILL BEHIND CASING (Linear Feet)
10-3/4"	40.5	J-55	Surf	600'	600'	600'
7 "	23#	K-55	Surf	4510'	4510'	2210'
5 "	18#		4440'	4635'	Wire wrapped screen liner w/0.012" slots gravel packed.	

(A complete drilling program is preferred and may be submitted in lieu of the above program.)

Intended zone(s) of completion Ranger, -3510', 1200 psi Estimated total depth 4640'
(Name, depth, and expected pressure)

It is understood that if changes in this plan become necessary we are to notify you immediately.

Name of Operator <u>XTRA ENERGY CORPORATION</u>		Type of Organization (Corporation, Partnership, Individual, etc.) <u>Corporation</u>	
Address <u>717 Walton Street</u>		City <u>Signal Hill, CA</u>	Zip Code <u>90806</u>
Telephone Number <u>(213)424-8549</u>	Name of Person Filing Notice <u>John D. Carmichael</u>	Signature <u>John D. Carmichael</u>	Date <u>5-24-82</u>

This notice and indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

Information for compliance with the California Environmental Quality Act of 1970 (C.E.Q.A.).

If an environmental document has been prepared by the lead agency, please submit a copy of the document with this notice or supply the following information:

Lead Agency: City of Carson

Lead Agency Contact Person: Joel Miller

Address: P. O. Box 6234

CARSON, CA 90749

Phone: (213) 830-7600

FOR DIVISION USE ONLY	
District review of environmental document (if applicable)?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Remarks: _____	

CRITICAL WELL

As defined in the California Administrative Code, Title 14, Section 1720(a), "Critical well" means a well within:

(1) 300 feet of the following:

(A) Any building intended for human occupancy that is not necessary to the operation of the well; or

(B) Any airport runway.

(2) 100 feet of the following:

(A) Any dedicated public street, highway, or nearest rail of an operating railway that is in general use;

(B) Any navigable body of water or watercourse perennially covered by water;

(C) Any public recreational facility such as a golf course, amusement park, picnic ground, campground, or any other area of periodic high-density population; or

(D) Any officially recognized wildlife preserve.

Exceptions or additions to this definition may be established by the supervisor upon his own judgment or upon written request of an operator. This written request shall contain justification for such an exception.

CO. HONOR 2ND DIV. 5
SAG ONE 2ND DIV. 5

28. HJ 05 1 50 PM '82

RECEIVED

XTRA ENERGY CORPORATION

PROGRAM FOR DRILLING

WELL No. 28 (I-8)

Reference Point: KB which is 12' above G. E.
Surface Location: Lambert Coordinates N-4,041,448 E-4,204,640
Bottom Hole Location: Lambert Coordinates N-4,043,768 E-4,203,945
Elevation: 38' GE + 12' KB = 50'

Proposed Casing Program:

10-3/4" 40.5 # to be cemented at 600'
7 " 23 # to be cemented at 4510'
5 " 18 # to be hung at 4635', top @ 4440'.

Perfs: 4520' to 4630' Wire wrapped pipeless Johnson Screen liner with
0.012" slots.

Proposed Hole Size:

0' to 600' 9-7/8" hole to be opened to 14-3/4"
600' to 4510' 9-7/8" hole
4510' to 4640' 6-1/4" hole to be underreamed to 12".

Proposed Total Depth: 4640'

Directional Program

Deflect hole at 400' and increase inclination at 3°/100' in a N 16.7° W direction to 49° at 2055' (T.V.D. - 1855'). Maintain 49° inclination to a depth of 3527'. Drop angle @ 2°/100' to total depth of 4640'. Target is a 100' diameter circle with its center 2320' North and 695' West of the surface site. A total displacement of 2422'.

Mud Program

1. For drilling from surface to 600', use a safe fresh water clay base mud.
2. For drilling from 600' to 4640', use a fresh water clay base mud with the following properties.
 - a. Weight 72 #/CF
 - b. Fluid loss 5cc
 - c. P.V. 8 - 14 CPS
 - d. YP 4 - 6#/100 sq. ft.
 - e. Funnel vis 38 - 42"
 - f. Solids 12%

3. For underreaming 6-1/4" hole to 12", use a polymer mud with the following properties.
 - a. Weight 72#/CF
 - b. P.V. 12 - 18 CPS
 - c. YP 4 - 6#/100 sq. ft.
 - d. Funnel vis 34 - 38"
 - e. Solids Minimum
 - f. KCl (KCl) 4%

BOP Requirements

1. Bag type - Hydraulic 10" - 3000. 3000 psi WOG.
2. Ram type - double, hydraulic, 10" - 3000, 3000 psi WOG.
3. Accumulator - 80 gallon with dual controls.

Program

1. Install 16" conductor pipe to \pm 40'.
2. Move in and rig up rotary equipment.
3. Drill 14-3/4" hole to 600'.
4. Run 10-3/4", 40.5#, J-55 casing to 600'. Casing to be fitted with B & W stab-in shoe and centralizers on 1st, 2nd and 3rd joints. Cement 10-3/4" casing with 300 sacks of API class "G" cement mixed 1:1 with peralites and 4% Gel followed by enough neat "G" cement to get cement returns. All cement to be mixed with 2% CaCl₂.
5. Install wellhead and BOP. Representative of D.O.G. to witness pressure test of B.O.P.
6. Run 9-7/8" bit and clean out to 600'. Drill 9-7/8" hole to 4510'. Reduce hole size to 6-1/4" and drill to 4640'.
7. Run Induction electric log from total depth to the shoe of the 10-3/4" casing. Use 20 ohm scale. Two field prints are required including one with 5" scale.
8. Run 7", 23#, K-55 casing to 4510'. Casing to be fitted with B & W Basket Shoe and B & W fill up collar 2 joints above shoe. Centralizers to be installed on 1st, 2nd, 4th and 6th joints above shoe. Cement 7" casing as follows: 300 linear feet (80 CF) of "mud sweep" or equivalent followed by 270 sacks of class G cement mixed 1:1:4 (cement:perlite:gel) followed by 85 sacks "G" neat cement. All cement to be mixed with 2% CaCl₂. Cement to reach 2000' TVD. Land casing.

Page three

9. After 24 hours, clean out cement to 4500' (± 10' above shoe). Run combination jet perforator and casing tester. Shoot 4 holes as directed and test water shut off. Results of WSO test to be witnessed by representative of California Division of Oil and Gas.
10. Run 6-1/4" bit, drill out shoe at 4510' and clean out to 4640'.
11. Change over to Polymer completion fluid.
12. Underream 6-1/4" hole to 12" from the 7" casing shoe to total depth. Run Caliper log.
13. Make up and run 5", 18#, K-55 liner as directed.
14. Gravel pack 5" x 12" annulus with ± 85 CF of 20 - 40 mesh gravel.
15. Displace Polymer mud in hole with salt water and close in.
16. Move out rotary equipment.

No.28 (I-8)

JDC:sc

5-25-82

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MAY 28 1 50 PM '82
DIV. 6
LONG BEACH, CA.